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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,864	06/27/2003	Kenneth Carlin Nelson	SVL920030019US1	7075
36380 7590 07/18/2007 RICHARD M. GOLDMAN 371 ELAN VILLAGE LANE SUITE 208, CA 95134			EXAMINER DAYE, CHELCIE L	
			ART UNIT 2161	PAPER NUMBER
			MAIL DATE 07/18/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/607,864	Applicant(s) NELSON ET AL.	
	Examiner Chelcie Daye	Art Unit 2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is issued in response to applicant's amendment filed on June 03, 2007.
2. Claims 1-7 are presented. No claims are added and none cancelled.
3. Claims 1-7 are pending.
4. Applicant's arguments filed June 03, 2007, have been fully considered but they are not persuasive.

Claim Objections

5. Claims 1,3,and 6 are objected to because of the following informalities:
 - Within claim 1 the third line states "resident on a a", one of the a's should be deleted.
 - Within claims 1,3, and 6, the term "data base" does not need a space between the two words. Appropriate corrections are required.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. **Claims 1,3,4,and 6, are rejected under 35 U.S.C. 103(a) as being unpatentable over Christfort (US Patent Publication No. 20020138617) filed**

September 5, 2001, in view of “Applicant Admitted Prior Art”, paragraphs [0018-0019], hereinafter referred to as AAPA.

Regarding Claim 1, Christfort discloses a method of rendering an object from a text and numeric centric line of business application to a graphical user interface centric content manager client application said text and numeric centric line of business application resident on a resource manager, said method comprising:

requesting the object from a text and numeric centric line of business application ([0067], Christfort)¹;

the line of business application initiating an associated host initiated display application program interface² ([0087], lines 4-12, Christfort), and calling a workstation listener ([0094], lines 9-16, Christfort);

a content manager host ([0087], lines 4-12, Christfort) sending customer application request to a workstation listener ([0163], lines 3-9, Christfort);

the workstation listener launching an associated content manager graphical user interface client ([0163], lines 9-17, Christfort)³;

¹ Examiner Notes: The text and numeric centric line of business application corresponds to applications discussed. Paragraph [0063], lines 1-8, provides details about the application and discloses the line of business of the application. Also, paragraphs [0087-0088], disclose the application being written in a code, which discloses the text and numeric aspect of the line of business application.

² Examiner Notes: the “development website” is associated with the hosting service (pg. 6, ¶0080, lines 5-8, Christfort), which initiates the software development kit (pg. 6, ¶0081, lines 5-8, Christfort). The SDK further provides the user with an interface.

³ Examiner Notes: Further details about the functionality of a listener are outlined within paragraphs [0004-0005] of Christfort.

the content manager graphical user interface client building a request for the object ([0163], lines 14-17, Christfort, wherein the building process entails receiving the request, linking the request and forwarding the request) and sending the request to the associated content manager application for the associated host initiated display ([0164 –0165], Christfort); and

the content manager application responding to the graphical user interface centric content manager client and rendering the object from the text and numeric centric line of business application to the graphical user interface centric user ([0167-0168], Christfort). However, Christfort is silent with respect to said resource manager including an HTTP server, a store object agent, a resource manager tracking table database, and a file system. On the other hand, AAPA discloses said resource manager including an HTTP server; a store object agent, a resource manager tracking table database, and a file system (Fig.1; paragraph [0018], AAPA). It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate AAPA into the Christfort system. A skilled artisan would have been motivated to combine in order to provide a more efficient and stable environment for the system.

Regarding Claim 3, the combination of Christfort in view of AAPA, disclose a computer system comprising graphical user interface centric content manager client application (Fig.4, item 410, Christfort), a resource manager ([0004], lines 3-7, Christfort), said resource manager including (i) an HTTP server, (ii) a store

object agent, (iii) a resource manager tracking table data base, and (iv) a file system (Fig.1; paragraph [0018], AAPA), a library server (Fig.1, paragraph [0018], AAPA) and a text and numeric centric line of business application ([0067], Christfort), and a host initiated display application program interface between the line of business application and the graphical user interface centric content manager client application (Fig.1, Christfort).

Regarding Claim 4, the combination of Christfort in view of AAPA, disclose a computer system adapted to render an object from a text and numeric centric line of business application to a graphical user interface centric client application by the steps of:

requesting the object from a text and numeric centric line of business application ([0067], Christfort);

the text and numeric centric line of business application initiating an associated host initiated display application program interface ([0087], lines 4-12, Christfort), and calling a workstation listener ([0094], lines 9-16, Christfort);

a content manager host ([0087], lines 4-12, Christfort) sending customer application request to a workstation listener ([0163], lines 3-9, Christfort);

the workstation listener launching an associated content manager graphical user interface client ([0163], lines 9-17, Christfort);

the content manager graphical user interface client building a request for the object ([0163], lines 14-17, Christfort, wherein the building process entails

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receiving the request, linking the request and forwarding the request) and sending the request to the associated content manager application for the associated host initiated display ([0164 –0165], Christfort); and

the content manager application responding to the graphical user interface centric content manager client and rendering the object from the text and numeric centric line of business application to the graphical user interface centric user ([0166-0168], Christfort).

Regarding Claim 6, the combination of Christfort in view of AAPA, disclose a program product comprising a substrate with computer readable code for use with a computer system, said computer system comprising:

a graphical user interface centric content manager client application (Fig.4, item 410, Christfort),

a resource manager ([0004], lines 3-7, Christfort), said resource manager including

- (i) an HTTP server (Fig.1, paragraph [0018], AAPA),
- (ii) a store object agent (Fig.1, paragraph [0018], AAPA),
- (iii) a resource manager tracking table database (Fig.1, paragraph [0018], AAPA), and
- (iv) a file system (Fig.1, paragraph [0018], AAPA),
a library server (Fig.1; paragraph [0018], AAPA) and

a text and numeric centric line of business application (paragraphs [0063] and [0087-0088], Christfort), and

a host initiated display application program interface between the line of business application and the graphical user interface centric content manager client application (Fig.1, Christfort), said computer readable program code adapted to configure and control a computer to render an object from a text and numeric centric line of business application to a graphical user interface centric content manager client application by the steps of:

requesting the object from a text and numeric centric line of business application ([0067], Christfort)⁴;

the line of business application initiating an associated host initiated display application program interface⁵ ([0087], lines 4-12, Christfort), and calling a workstation listener ([0094], lines 9-16, Christfort);

a content manager host ([0087], lines 4-12, Christfort) sending customer application request to a workstation listener ([0163], lines 3-9, Christfort);

the workstation listener launching an associated content manager graphical user interface client ([0163], lines 9-17, Christfort)⁶;

⁴ Examiner Notes: The text and numeric centric line of business application corresponds to applications discussed. Paragraph [0063], lines 1-8, provides details about the application and discloses the line of business of the application. Also, paragraphs [0087-0088], disclose the application being written in a code, which discloses the text and numeric aspect of the line of business application.

⁵ Examiner Notes: the "development website" is associated with the hosting service (pg. 6, ¶0080, lines 5-8, Christfort), which initiates the software development kit (pg. 6, ¶0081, lines 5-8, Christfort). The SDK further provides the user with an interface.

⁶ Examiner Notes: Further details about the functionality of a listener are outlined within paragraphs [0004-0005] of Christfort.

the content manager graphical user interface client building a request for the object ([0163], lines 14-17, Christfort, wherein the building process entails receiving the request, linking the request and forwarding the request) and sending the request to the associated content manager application for the associated host initiated display ([0164 –0165], Christfort); and

the content manager application responding to the graphical user interface centric content manager client and rendering the object from the text and numeric centric line of business application to the graphical user interface centric user ([0167-0168], Christfort).

8. Claims 2-5 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Christfort (US Patent Publication No. 20020138617) filed September 5, 2001, in view of “Applicant Admitted Prior Art”, paragraphs [0018-0019], hereinafter referred to as AAPA, and further in view of Moore (US Patent No. 6,223,180) filed October 30, 1998.

Regarding Claims 2,5, and 7, the combination of Christfort in view of AAPA, disclose a method wherein the requested object (pg.4, ¶0059, lines 4-10, Christfort) is selected from a group consisting of displays (Fig.5, item 512, Christfort). However, the combination of Christfort in view of AAPA, are silent with respect to the group consisting of prints and folder contents. On the other hand, Moore discloses the groups consisting of prints (column 7, lines 16-18,

Moore), and folder contents (Fig.2, items 22,23,24; column 4, lines 62-65, Moore; wherein the partitions in the repository is a directory where files are stored). It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate Moore's teaching into the Christfort and AAPA system. A skilled artisan would have been motivated to do so in order to allow the user a wider range of options. As a result, this optimized the choices, which are available thus ultimately bringing more appeal to the user.

Response to Arguments

Applicant argues the Christfort reference is not the claimed "method of rendering an object from a text and numeric centric line of business application to a graphical user interface centric content manager client application" nor is it the hosted application of paragraph [0094].

Examiner respectfully disagrees. To begin, the steps of requesting the object, initiating an associated host, calling a workstation listener, sending the request to the listener, launching an associated GUI client, the GUI sending the request to the display, and then rendering the object ALL make up the method of "rendering an object from a text and numeric centric line of business application to a graphical user interface centric content manager client application". Therefore, paragraphs [0067], [0087], [0094], and [0163-0168] fully disclose the above-argued method. Also, in particular, paragraphs [0167-0168] recite "Service provider 440 responds to the request received from client device 410 via service linker 432 with a generic output 480. For example, generic output may be an

electronic document containing portal-to-go XML. Generic output 480 is sent from service provider 440 to hosting service 430, where the generic output is processed by a device transformer 436. Device transformer 436 may be a server that functions as a middleware transformer by applying style sheets to generic XML output to a customized output 490, as described above. Customized output is then sent to client device 410 for display to the end user". The citation details the outputting and displaying (i.e., rendering) of the application to a GUI client application.

Applicant argues, Christfort's listener as having different functions as compared to the applicant's listener.

Examiner respectfully disagrees. As stated in the applicant's specification at paragraph [0013], "a listener is a software module or application used to facilitate the association between a connection and a destination, more specifically, a listener starts a service on a received command, and provides an appropriate link". The listener described within the Christfort reference at paragraphs [0004-0005] is used when a user of a browser selects a link on an HTML page, the browser sends a request over the Internet to the listener associated with the URL specified in the link, and in response to the request, the listener transmits the requested information to the browser that issued the request. As such, the functionality of the described listener within the present application corresponds with the functionality of the Christfort listener.

Applicant argues, Christfort describes a "style sheet" dependent solution and thus Christfort proposes an inapplicable solution to an inapplicable problem, and is not a proper reference.

Examiner respectfully disagrees. The objective of the present application is to transparently invoke a graphics centric end user application from a text and numeric centric application. The objective of the Christfort reference is to provide improved techniques for designing applications that more effectively work with all devices (see paragraphs [0011] and [0021]). As such, examiner believes that the argued "style sheet" solutions are irrelevant with regards to the whole purpose and functionality of the Christfort reference. The Christfort reference is therefore within the same field of endeavor as the present application and provides the same features and functionality as the present application.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.

Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

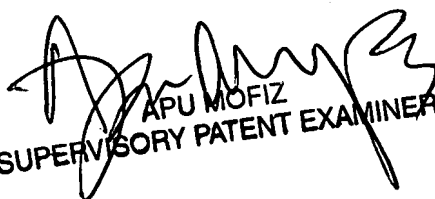
Points of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chelcie Daye whose telephone number is 571-272-3891. The examiner can normally be reached on M-F, 7:00 - 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on 571-272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chelcie Daye
Patent Examiner
Technology Center 2100
July 13, 2007


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SUPERVISORY PATENT EXAMINER